Attorney's Docket No.: 10845-044001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/806,758

Art Unit: Unknown
Examiner: Unknown

Filed : March 22, 2004

Title : METHOD OF SCREENING FOR TARGET LIGANDS

MAIL STOP AMENDMENT Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449.

Applicants also submit two (2) letters dated July 29, 2004 and October 21, 2004 from uncooperative inventor Daniel L. Flynn, Ph.D.

This statement is being filed before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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Catherine M. McCarty Reg. No. 54,301

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/.	Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10845-044001	Application No. 10/806,758
,	Grantion Disclosure Statement by Applicant		Applicant Huw M. Nash, et al.	
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TRANS			U.S. Patent	Documents			
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	Foreign Patent Documents or Published Foreign Patent Applications							
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	Other Documents (include Author, Title, Date, and Place of Publication)					
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ł	next communication to applicant.	

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AKK Hubbard, Steven R., et al. "Crystal Structure of the Tyrosine Kinase Domain of the Human Insulin Receptor," Nature (1994). Irie, Kazuhiro, et al., "Establishment of a Binding Assay for Protein Kinase C Isozymes Using Synthetic C1 Peptides and Development of New Medicinal Leads with protein Kinase C Isozyme and C1 domain Selectivity," Pharmacology & Therapeutics (2002). AMM Johnson, Louise N., et al., "Structural Studies with Inhibitors of the Cell Cycle Regulatory Kinase Cyclin-Dependent Protein Kinase 2," Pharmacology & Therapeutics (2002).		AJJ	Current Opinion in Structural Biology (2002).
ALL Synthetic C1 Peptides and Development of New Medicinal Leads with protein Kinase C Isozyme and C1 domain Selectivity," Pharmacology & Therapeutics (2002). AMM Johnson, Louise N., et al., "Structural Studies with Inhibitors of the Cell Cycle Regulatory Kinase Cyclin-Dependent Protein Kinase 2," Pharmacology & Therapeutics (2002).		AKK	Hubbard, Steven R., et al. "Crystal Structure of the Tyrosine Kinase Domain of the Human Insulin Receptor," <i>Nature</i> (1994).
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ANN Kobe, Bostjan, et al., "Active site-Directed Protein Regulation," Nature (1999).		AMM	Johnson, Louise N., et al., "Structural Studies with Inhibitors of the Cell Cycle Regulatory Kinase
		ANN	Kobe, Bostjan, et al., "Active site-Directed Protein Regulation," Nature (1999).

Examiner Signature	Date Considered
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Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10845-044001	Application No. 10/806,758	
Information Disc	losure Statement	Applicant Huw M. Nash, et al.		_
JAN 0 3 2005 by Ap	eets if necessary)	Filing Date March 22, 2004	Group Art Unit	
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	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	Desument
Initial	ID	Document The Control of the Control
	A00	Lawrence, David S., et al., "Protein Kinase Inhibitors: The Tyrosine-Specific Protein Kinase," Pharmacology & Therapeutics (1998).
	APP	Lowinger, Timothy B., et al., "Design and Discovery of Small Molecules Targeting Raf-1 Kinase," Current Pharmaceutical Design (2002).
	AQQ	Marti-Renom, Marc A., et al., "Reliability of Assessment of Protein Structure Prediction Methods," Elsevier Science Ltd. (2002).
	ARR	Munshi, Sanjeev, et al., "Crystal Structure of the Apo, Unactivated Insulin-like Growth Factor-1 Receptor Kinase," The Journal of Biological Chemistry (2002).
	ASS	Nagar, Bhusham, et al. "Crystal Structures of the Kinase Domain of c-Abl in Complex the Small Molecule Inhibitors PD173955 and Imatinib (STI-571)," Cancer Research (2002).
	ATT	Noble, Martine E. M., et al., "Chemical Inhibitors of Cyclin-Dependent Kinases; Insights into Design from X-Ray Crystallographic Studies," <i>Pharmacology & Therapeutics</i> (1999).
	AUU	O'Hare, Michael, et al., "Cyclin-Dependent Kinases as a Potential Targets to Improve Stroke Outcome," <i>Pharmacology & Therapeutics</i> (2002).
	AVV	Parang, Keykavous, et al., "Designing Bisubstrate Analog Inhibitors for Protein Kinases," Pharmacology & Therapeutics (2002).
·	AWW	Pargellis, Christopher, et al., "Inhibition of p38 MAP Kinase by Utilizing a Novel Allosteric Binding Site," <i>Nature Structural Biology</i> (2002).
	AXX	Regan, John, et al., "Pyrazole Urea-Based Inhibitors of p38 MAP Kinase: From Lead Compound to Clinical Candidate," J. Med. Chem. (2002).
	AYY	Sarno, Stefania, et al., "Toward the Rational Design of Protein Kinase Casein Kinase-2 Inhibitors," <i>Pharmacology & Therapeutics</i> (2002).
	AZZ	Sasaki, Yasuharu, et al., "The Novel and Specific Rho-Kinase Inhibitor (S)-(+)-2methyl-1-[(4-methyl-5-isoquinoline)sulfonyl]-homopiperazine as a probing moledulae for Rho-kinase-involved pathway," <i>Pharmacology & Therapeutics</i> (2002).
	AAAA	Sausville, Edward A., et al., "Cyclin-Dependenr Kinases: Initial Approached to Exploit a Novel Therapeutic Target," <i>Pharmacol. Ther.</i> (2002).
	ABBB	Scapin, Giovanna, "Structural Biology in Drug Design: Selective Protein Kinase Inhibitors," <i>Drug Discovery Today</i> (2002).
	ACCC	Schindler, Thomas, et al., "Structural Mechanism for STI-571 Inhibition of Abelson Tyrosine Kinase," Science Magazine (2000).
	ADDD	Schreiber, S., "Molecular Therapies in Crohn's Disease: Coming of Age," <i>Int. J. Colorectal Dis.</i> (2002).
	AEEE	Shi, Yu, et al., "In the Celluar Garden of Forking Paths: How p38 MAPKs Signal for Downstream Assistance," Biol. Chem., Vol. 383: 1519-1536 (2002).
	AFFF	Stephenson, Keith, et al., "Virulence- and Antibiotic Resistance-Associated Two-Component Signal Transduction Systems of Gram-Positive Pathogenic Bacteria as Targets for Antimicrobial Therapy," <i>Pharmacology & Therapeutics</i> (2002).
	AGGG	Tanoue, Takuji, et al., "Docking Interactions in the Mitogen-Activated Protein Kinase Cascades," Pharmacology & Therapeutics (2002).
	АННН	Taylor, Susan S., et al., "Protein Kinase Inhibition: Natural and Synthetic Variations on a Theme," Current Opinion in Chemical Biology (1997).

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	AIII	Till, Jeffrey A., et al., "Crystallographic and Solution Studies of an Activation Loop Mutant of the Insulin Receptor Tyrosine Kinase," <i>The Journal of Biological Chemistry</i> (2001).		
	AJJJ	Traxler, Peter, et al., "Strategies Toward the Design of Novel and Selective Protein Tyrosine Kinase Inhibitors," <i>Pharmacology & Therapeutics</i> (1999).		
	AKKK	Velentza, Anastasia V., et al., "Structure, Activity, Regulation, and Inhibitor Discovery for a Protein Kinase Associated with Apoptosis and Neuronal Death," <i>Pharmacology & Therapeutics</i> (2002).		
	ALLL	Williams, David H., et al., "Latest Developments in Crystallography and Structure-Based Design of Protein Kinase Inhibitors as Drug Candidates," <i>Elsevier Science Ltd.</i> (2002).		
	AMMM	Woolfrey, John R., et al. "The Use of Computational Methods in the Discovery and Design of Kinase Inhibitors," Current Pharmaceutical Design (2002).		
	ANNN	Yeh, Ren-Hwa, et al., "From Consensus Sequence to High-Affinity Ligands: Acquisition of Signaling Protein Modulators," <i>Pharmacology & Therapeutics</i> (2002).		
3.00	A000	Zhang, Chong-Yin, et al., "Modulation of Protein Kinase Signaling by Protein Phosphatases and Inhibitors," <i>Pharmacology & Therapeutics</i> (2002).		
	APPP			
	AQQQ			

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